

Recombinant Human PPP2CB

Cat. No. PPP2CB-27931TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP2CB withan N terminal proprietary tag; Predicted MWt 59.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	309 amino acids
Description	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes a beta isoform of the catalytic subunit.
Molecular Weight	59.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MDDKAFTKELDQWVEQLNECKQLNENQVRTLCEKAKEILT KESNVQEVRCPVTVCGDVHGQFHDLMELFRIGGKSPDTNY LFMGDYVDRGYYSVETVLLVALKVRYPERITILRGNHES RQITQVYGFYDECLRKYGNANVWKYFTDLFDYLPLTALVD GQIFCLHGGLSPSIDTLDHIRALDRLQEVPHGPMCDLLW SDPDDRGGWGISPRGAGYTFGQDISETFNHANGTLVSRA HQLVMEGYNWCHDRNVVTIFSAPNYCYRCGNQAAIMELDD TLKYSFLQFDPAPRRGEPHVTRRTPDYFL

Sequence Similarities

Belongs to the PPP phosphatase family. PP-1 subfamily.

GENE INFORMATION

Gene Name

PPP2CB protein phosphatase 2, catalytic subunit, beta isozyme [Homo sapiens]

Official Symbol

PPP2CB

Synonyms

PPP2CB; protein phosphatase 2, catalytic subunit, beta isozyme; protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform; serine/threonine-protein phosphatase 2A catalytic subunit beta isoform; PP2Abeta; protein phosphatase 2A catalytic subuni

Gene ID

5516

mRNA Refseq

NM_001009552

Protein Refseq

NP_001009552

MIM

176916

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Uniprot ID	P62714
Chromosome Location	8p12
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	hydrolase activity; metal ion binding; protein C-terminus binding; protein binding; contributes_to protein serine/threonine phosphatase activity;

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